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MULTI-COLOR MATS AND APPARATUS

ABSTRACT OF THE DISCLOSURE

A rotary-molded, three-dimensional, multi-polymer article, e.g. a multicolor door mat, where sections of projecting elements comprise different polymers.

Such multi-polymer articles are produced on a rotating cylindrical mold in
continuous lengths wherein said apparatus comprises a rotatable, cylindrical mold
having a plurality of circumferential, rows of cavities and a plurality of parallel
grooves separating the rows of cavities. Two sources of polymer are fed to the
rotating mold from a stationary polymer injection block in arcuate proximity to the
mold and having a plurality of cavity injection ports for supplying at least two
different polymers to corresponding rows of cavities to form projecting elements,
and a plurality of base-forming injection ports for supplying polymer to
corresponding parallel grooves to form a base.